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PATENT  
1920-0111P

IN THE U.S. PATENT AND TRADEMARK OFFICE

Applicant: FRANCKE et al. Conf.: 3570  
Appl. No.: 09/698,174 Group: 2879  
Filed: October 30, 2000 Examiner: ZIMMERMAN, GLENN  
For: APPARATUS AND METHOD FOR RADIATION  
DETECTION

LARGE ENTITY TRANSMITTAL FORM

Assistant Commissioner for Patents  
Washington, DC 20231

March 18, 2003

Sir:

Transmitted herewith is an amendment in the above-identified application.

The enclosed document is being transmitted via the Certificate of Mailing provisions of 37 C.F.R. § 1.8.

The enclosed document is being transmitted via facsimile.

The fee has been calculated as shown below:

	CLAIMS REMAINING AFTER AMENDMENT		HIGHEST NUMBER PREVIOUSLY PAID FOR		PRESENT EXTRA	RATE	ADDITIONAL FEE
TOTAL	37	-	31	=	6	\$18	\$108.00
INDEPENDENT	2	-	3	=	0	\$84	\$0.00
<input type="checkbox"/> FIRST PRESENTATION OF A MULTIPLE DEPENDENT CLAIM						\$280	\$0.00
						TOTAL	\$108.00

Petition for ( ) month(s) extension of time pursuant to 37 C.F.R. §§ 1.17 and 1.136(a). \$0.00 for the extension of time.

No fee is required.

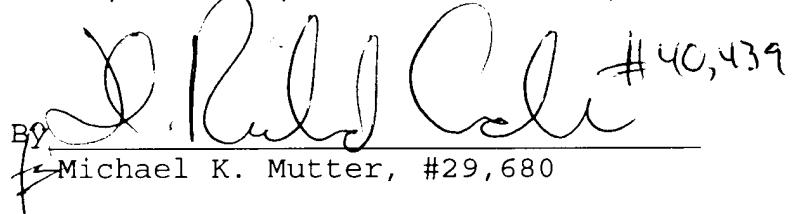
Check(s) in the amount of \$108.00 is(are) enclosed.

Please charge Deposit Account No. 02-2448 in the amount of \$0.00. This form is submitted in triplicate.

If necessary, the Commissioner is hereby authorized in this, concurrent, and future replies, to charge payment or credit any overpayment to Deposit Account No. 02-2448 for any additional fees required under 37 C.F.R. § 1.16 or under 37 C.F.R. § 1.17; particularly, extension of time fees.

Respectfully submitted,

BIRCH, STEWART, KOLASCH & BIRCH, LLP

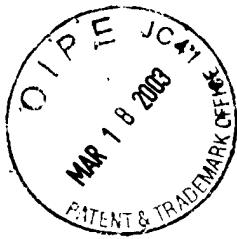
  
By \_\_\_\_\_  
Michael K. Mutter, #29,680

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MKM/JPK/kmr  
1920-0111P

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Attachment(s)

(Rev. 10/15/02)



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IN THE U. S. PATENT AND TRADEMARK OFFICE

Applicants: FRANCKE et al.

Conf.: 3570

Appln. No.: 09/698,174

Art Unit: 2879

Filed: October 30, 2000

Examiner: Zimmerman, Glenn

For: APPARATUS AND METHOD FOR RADIATION DETECTION

AMENDMENT UNDER 37 C.F.R. § 1.111

Assistant Commissioner for Patents  
Washington, DC 20231

March 18, 2003

Sir:

In response to the Examiner's Office Action December 18, 2002, the following amendments and remarks are respectfully submitted in connection with the above-identified application.

IN THE SPECIFICATION

Please replace the paragraph beginning on page 8, line 4, with the following rewritten paragraph:

--A dielectric 49 may thus be arranged between avalanche cathode 21 and avalanche anode 27. This could be a gas or a solid substrate 49 carrying cathode 21 as shown in Fig. 2. The second voltage, which, during use, is applied between cathode 21 and anode 27, produces an electric field in a plurality of preferably gas-filled avalanche amplification regions 53. Electrical field lines

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3-27-03